

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An interactive remote control unit configured to control a device to be controlled through bi-directional wireless communications, the unit comprising:

a) a receiver configured to receive ~~a broadcast signal and encoded~~ MPEG data ~~separated from the broadcast signal~~ from the device to be controlled, the received encoded MPEG data having been separated from a broadcast signal and converted to a format for display on the remote control unit at the device to be controlled before being decoded at the device to be controlled;

b) a decoder configured to decode the encoded and converted MPEG data; and

~~b) a display~~ c) a display configured to display information contents of the broadcast signal ~~received at the receiver~~ decoded MPEG data;

~~e) an entry section configured to accept input data with respect to the information contents shown on the display;~~

~~d) a transmitter configured to transmit operation data for the device to be controlled according to the input data, wherein the operation data is a request for more information, including the MPEG data separated from the broadcast signal, regarding the information contents of the signal displayed on the display; and~~

~~e) a controller configured to govern the receiver, the display, and the transmitter.~~

2. (Cancelled)

3. (Currently Amended) The interactive remote control unit as defined in ~~claim 1~~ claim 42, wherein the information contents shown in the display includes at least any one of a text data, a still image, and a motion picture.

4. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the device to be controlled is a digital-broadcasting receiver, and the broadcast signal contains program arrangement information required for creating an electronic program guide (EPG).

5. (Previously Presented) The interactive remote control unit as defined in claim 4, wherein the request for more information is a request for more information about any one of i) a broadcasting program and ii) information distributed by a video-on-demand service – among the EPG shown in the display, and wherein, in response to the request for more information, the display shows a motion picture of the content specified.

6. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the device to be controlled is a digital-broadcasting receiver, and the broadcast signal contains a still image data for an EPG.

7. (Previously Presented) The interactive remote control unit as defined in claim 6, wherein the request for more information is a request for more information about a broadcasting program from the EPG,

and wherein, in response to the request for more information, the display shows a motion picture of the broadcasting program.

8. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the device to be controlled is a digital-broadcasting receiver, and the broadcast signal contains information on data-broadcasting program guide.

9. (Previously Presented) The interactive remote control unit as defined in claim 8, wherein the request for more information is a request for more information about a data-broadcasting program from the data-broadcasting program guide, and wherein, in response to the request for more information, the display shows a motion picture of the data-broadcasting program.

10. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42 , wherein the device to be controlled is a recording/reproducing device, and the

broadcast signal contains table-of-contents information on motion pictures recorded in a recording medium employed for the recording/reproducing device.

11. (Previously Presented) The interactive remote control unit as defined in claim 10, wherein the request for more information is a request for more information about an item from the table-of-contents information, and wherein, in response to the request for more information, the display shows a motion picture corresponding to the item selected.

12. (Original) The interactive remote control unit as defined in claim 10, wherein the recording/reproducing device is any one of i) a video cassette recorder; ii) a hard disk video recorder; and iii) an optical disk video recorder.

13. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the transmitter and the receiver communicate with the device to be controlled under communication standards of any one of Bluetooth, 802.11b, 802.11a, 802.11g, and ZigBee.

14. - 15. (Cancelled)

16. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42 wherein the display further shows ads information, with the information contents and the selected content being displayed.

17. (Original) The interactive remote control unit as defined in claim 16, wherein the ads information is formed at least any one of i) text information; ii) a still image; and iii) a motion picture.

18. (Original) The interactive remote control unit as defined in claim 16, wherein the ads information are displayed any one of on a periodical and a continuous basis.

19. (Previously Presented) The interactive remote control unit as defined in claim 16, wherein in response to the input data entered through the entry section, the display stops showing the ads information.

20. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the information contents contain at least any one of no-charge service information and charged service information.

21. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the display shows contents data of the information by an operator's action of any one of i) touching the unit; and ii) operating the unit.

22. (Original) The interactive remote control unit as defined in claim 21, wherein the information is provided as a video-on-demand service, the display shows at least any one of i) text information, ii) a still image, and iii) a motion picture in order to introduce the contents data.

23. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the unit outputs sound so as to correspond to the information contents shown in the display.

24. (Previously Presented) The interactive remote control unit as defined in claim 23, wherein the unit controls volume of the sound in response to the input data entered through the entry section.

25. (Original) The interactive remote control unit as defined in claim 21 further includes a timer for obtaining at least any one of i) time elapsed since the display has shown the contents data; and ii) time elapsed since a previous operation on the remote control unit, wherein the controller requests the display, at a conclusion of a predetermined period of time, so as to perform any one of following operations: i) having blanked display; and ii) switching the contents data to different contents data.

26. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the entry section includes a touch panel formed on the display section.

27. (Previously Presented) The interactive remote control unit as defined in claim 21, wherein the display shows details of the contents data in response to a request entered through the entry section.

28. (Previously Presented) The interactive remote control unit as defined in claim 21, wherein the unit changes information shown in the display without regard to the input data entered through the entry section.

29. (Currently Amended) The interactive remote control unit as defined in ~~claim~~ claim 42, wherein the display contains a plurality of sub-windows, each of which bears different information.

30. - 37. (Cancelled)

38. (Currently Amended) A system comprising a device to be controlled and an interactive remote control unit configured to control a device to be controlled through bi-directional wireless communications,

wherein the device to be controlled includes:

a tuner for receiving a broadcast signal which includes encoded MPEG data;

~~a first transmitter configured to transmit the broadcast signal received by the tuner to the interactive remote control unit;~~

~~a first receiver configured to receive operation data for the device by the interactive remote control unit;~~

a separator configured to separate the encoded MPEG data from the broadcast signal; ~~and~~

a converter configured to convert the encoded MPEG data before the MPEG data is decoded and that has been separated from the broadcast signal to a format for display on the interactive remote control unit, and

a transmitter configured to transmit the encoded and converted MPEG data, before the MPEG data is decoded, to the interactive remote control unit;

wherein the interactive remote control unit includes:

~~a second receiver configured to receive the encoded and converted MPEG data broadcast signal from the device to be controlled;~~

~~a decoder configured to decode the encoded and converted MPEG data;~~

~~a display configured to display information contents of the broadcast signal received at the second receiver decoded MPEG data;~~

~~an entry section configured to accept input data with respect to the information contents shown on the display;~~

~~a second transmitter configured to transmit operation data for the device to be controlled according to the input data; and~~

~~a controller configured to govern the second receiver, the display, and the second transmitter;~~

~~and wherein the operation data is a request for more information, including the MPEG data separated from the broadcast signal, regarding the information contents of the signal displayed on the display, the first transmitter transmits the more information.~~

39. (Cancelled)

40. (Previously Presented) The system according to claim 38, wherein the display is configured to simultaneously display motion picture data, still image data and text data.

41. (Previously Presented) The system according to claim 38, wherein the display includes a plurality of user selectable tabs, each tab configured to be selected for displaying one of EPG data, television program data, motion picture data.

42. (New) The interactive remote control unit as defined in claim 1, further comprising:

d) an entry section configured to accept input data with respect to the information contents shown on the display;

e) a first transmitter configured to transmit operation data for the device to be controlled according to the input data, wherein the operation data is a request for more information, including the MPEG data separated from the broadcast signal, regarding the information contents of the signal displayed on the display; and

f) a controller configured to govern the receiver, the display, and the first transmitter.

43. (New) The system as defined in claim 38, wherein the remote control unit further includes:

an entry section configured to accept input data with respect to the information contents shown on the display;

a second transmitter configured to transmit operation data for the device to be controlled according to the input data; and

a controller configured to govern the receiver, the display, and the second transmitter,

and wherein the operation data is a request for more information, including the MPEG data separated from the broadcast signal, regarding the information contents of the signal displayed on the display, the first transmitter transmits the more information.

44. (New) A device to be controlled by an interactive remote control unit through bi-directional wireless communications, the device to be controlled comprising:

a tuner for receiving a broadcast signal which includes encoded MPEG data;

a separator configured to separate the encoded MPEG data from the broadcast signal;

a converter configured to convert the encoded MPEG data before the MPEG data is decoded and that has been separated from the broadcast signal to a format for display on the interactive remote control unit, and

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a transmitter configured to transmit the encoded and converted MPEG data, before the MPEG data is decoded, to the interactive remote control unit.